

least one cariogenic organism, and which elicits a humoral immune response to antigens displayed by cariogenic organisms from the mammal, wherein the portion of the monoclonal antibody that binds to the at least one cariogenic organism is derived from a species other than that of the mammal to be treated.

Claim 3 (amended), second line, after “wherein” delete “step of preparing” and substitute therefore: step c further comprises.

7. (Amended) A method for treatment and prevention of dental caries in a mammal comprising administration of a chimeric monoclonal antibody that specifically binds to [a] at least one cariogenic organism and which elicits a humoral immune response to antigens displayed by cariogenic organisms from the mammal.

Claim 9 (amended), second line, after “wherein” delete “step of preparing” and substitute therefore: step c further comprises.

REMARKS

Claims 1 through 17 are pending. Applicants gratefully acknowledge the withdrawal of the rejections of claims 3-5, 9-11 and 13-16 under 35 U.S.C. § 112, second paragraph, with respect to production of monoclonal antibodies of the IgM isotype. Applicants have corrected the form of amendments requested in their response dated October 12, 2000, to independent